

DEPARTMENT OF THE ARMY
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956

DATE

21 Mar 1955

NAME

Fort Huachuca

INSTALLATION

LOCATION (County or Council and State, Territory, or Country)
Cochise County, Arizona

INSTALLATION FACTUAL DATA

NEAREST CITY OR TOWN: DISTANCE AND DIRECTION
43 miles NW of Bisbee

STATUS OF INSTALLATION ☒ PERMANENT ☐ TEMPORARY
DATE INITIALLY OCCUPIED BY ARMY (Year) 1981

PRINCIPAL MISSION (Current and Projected)

Fields of electronic warfare, battlefield surveillance, Signal Corps aviation, meteorology & related activities perform necessary technical & engineering tests & evaluation of communication & electronic systems & equipment; conduct operational research, experiments & field tests; formulate doctrine, techniques & new concepts of Signal organizational elements required, and provide specialized individual & unit training.

AREA, SIZE, OR CAPACITY

U.S. HEIGHT OF

Acres

GOV'T OWNED

State Owned

PERSONNEL STRENGTH

PRESENT (Date 30 Nov 54)

PERMANENT

INTERIM

MOBILIZATION

WORLD WAR II PEAK

PROJECTS

LINE ITEM NO.	BUDGET ACCOUNT NO.	CATEGORY CODE NO.	PROJECT TITLE	PRIOR UNUSED AUTHORIZATION	PROPOSED NEW AUTHORIZATION	PROPOSED APPROPRIATION
A614-17	6011	08.1	450 Family Quarters * PL 765/83	\$ 2,399,000*	\$ 3,320,000	\$ 6,219,000
						2,513,000
						1,881,000
						2,812,000

CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956

UNIT

21 Mar 55

INSTALLATION

Fort Huachuca, Ariz.

PROJECT TITLE	150 Family Quarters		
PREVIOUS AUTHORIZATION	PROPOSED AUTHORIZATION	PREVIOUS APPROPRIATION	PROPOSED APPROPRIATION
\$2,899,000 (Pt 765/83rd)	\$3,320,000	\$0	\$6,219,000
LINE ITEM NO.	BUDGET ACCT NO.	CATEGORY CODE NO.	
17	6011	08.1	

1. TYPE OF CONSTRUCTION		2A. <input checked="" type="checkbox"/> NEW FACILITY		3. <input checked="" type="checkbox"/> STANDARD PLANS	
<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> MODIFIED EMERGENCY	<input type="checkbox"/> ADDITION	<input type="checkbox"/> ALTERATION	<input type="checkbox"/> SPECIAL DESIGN	DRAWING NO.
<input type="checkbox"/> EMERGENCY		<input type="checkbox"/> REPLACEMENT			

5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE

Funding prior authorization:
 192 NCO - max size 1,080 SF, av cost \$12,075 = \$1,715,000
 56 Co Grade - max size 1,250 SF, av cost \$14,680 = \$2,318,000
 2 Pld Grade - max size 1,670 SF, av cost \$19,650 = \$39,000
 Site preparation, utilities, etc - 203,000
 Total \$2,779,000

Funding new authorization:
 192 NCO - max size 1,080 SF, av cost \$12,075 = \$2,318,000
 58 Co Grade - max size 1,250 SF, av cost \$14,680 = \$852,000
 Total \$3,170,000

B. BASIS OF NEED (Unit of Measure: Fam Qtrs)					
TYPE OF CONSTRUCTION →	PERMANENT	MOD. ENERG.	EMERGENCY	TOTAL	
1. UNITS REQUIRED FOR: A. PERMANENT OPERATION	1,578	0		1,578	
B. INTERIM OPERATION (In addition to 1A)		0	0	0	
C. MOBILIZATION OPERATION (In addition to 1A and 1B)		0	0	0	
2. UNITS TO BE RETAINED (Existing or financed)	65	392	0	457	
3. UNITS PROVIDED BY THIS PROJECT.	450	0	0	450	
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, which projects)					
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.					

This is an item in the approved CONUS family housing program for FY 1956, justified on one or more of the following basis: (1) replacements for sub-standard public quarters; (2) meet shortages in a critical housing area; (3) provide housing for personnel whose needs cannot be met by Wherry or other private rental housing; and (4) provide housing for personnel required to live on station by reason of military necessity.

24 - CI - 4/15/55

DEPARTMENT OF THE ARMY
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956

DATE 21 Mar 1955

INSTALLATION

NAME Fort Huachuca

LOCATION (Country or Counties and State, Territory, or Country)
Cochise County, Arizona

INSTALLATION FACTUAL DATA

NEAREST CITY OR TOWN: DISTANCE AND DIRECTION
13 miles NW of Bisbee

STATUS OF INSTALLATION ☒ PERMANENT ☐ TEMPORARY
DATE INITIALLY OCCUPIED BY ARMY (Year) 1881

PRINCIPAL MISSION (Current and Projected)
Fields of electronic warfare, battlefield surveillance, Signal Corps aviation, meteorology and related activities; perform necessary technical and engineering tests and evaluation of communication and electronic systems and equipment; conduct operational research, experiments and field tests; formulate doctrine, techniques and new concepts of Signal organizational elements required, and provide specialized individual and unit training.

AREA, SIZE, OR CAPACITY	U.S. Right of Possession	CM	CIVILIAN	TOTAL
UNITS	400		4,495	
GOV'T OWNED	34,259		4,495	
State Owned	10,517		4,495	
PERSONNEL STRENGTH				
PRESENT (Date: 30 Nov 54)	437	5,844	1,004	7,285
PERMANENT	720	4,895	1,004	6,619
INTERIM				
MOBILIZATION				
WORLD WAR II PEAK				

PROJECTS

LINE ITEM NO.	BUDGET ACCOUNT NO.	CATEGORY CODE NO.	PROJECT TITLE	PRIOR UNUSED AUTHORIZATION	PROPOSED NEW AUTHORIZATION	PROPOSED APPROPRIATION
6014-23	6013	12.0	Control Tower (55'), 800 SF	\$	\$	\$
-10	6013	11.2	Hangar (Roto Wing), 35,626 SF		100,000	100,000
-18	6013	12.0	Operations Bldg, 2,758 SF		631,000	631,000
-19	6013	03.0	Addn to Concrete Apron, 17,544 SY		49,000	49,000
-20	6013	06.1	Fire & Rescue Bldg, 2,070 SF		137,000	137,000
-21	6013	89.1	Extension of Utilities		34,000	34,000
-22	6013	75.0	4 Aircraft Fuel Stge Tanks, 60,000 gal		180,000	180,000
-11	6013	74.4	Warehouse (12,200 SF) w/1,500 LF RR Spur		64,000	64,000
-1	6013	06.2	Field House w/Swimming Pool, 48,462 SF		133,000	133,000
-45	6013	17.4	Bachelor Officer Quarters, 60-man		935,000	935,000
			Total		330,000	330,000
					2,593,000	2,593,000

94 - C1 - 6/30/55

DEPARTMENT OF THE ARMY				DATE		INSTALLATION	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956				21 Mar 56		Fort Huachuca, Ariz.	
PROJECT TITLE Control Tower				LINE ITEM NO. 23		BUDGET ACCT NO. 6013	
PREVIOUS AUTHORIZATION \$ 0				PROPOSED AUTHORIZATION \$ 100,000		PREVIOUS APPROPRIATION \$ 0	
A. TYPE OF CONSTRUCTION				DESCRIPTION OF PROJECT			
1. <input type="checkbox"/> PERMANENT <input type="checkbox"/> MODIFIED EMERGENCY <input type="checkbox"/> EMERGENCY		2A. <input checked="" type="checkbox"/> NEW FACILITY <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input checked="" type="checkbox"/> REPLACEMENT		3. <input type="checkbox"/> STANDARD PLANS <input type="checkbox"/> SPECIAL DESIGN DRAWING NO. AF86-06-06		4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE				WIDTH _____ LENGTH _____ NO. STORIES _____ CAPACITY _____ GROSS AREA 500 SF GROSS CUBE _____ OTHER (Specify) 5' high			
B. BASIS OF NEED (Unit of Measure: SF)				C. COST ESTIMATE			
TYPE OF CONSTRUCTION →		PERMANENT		MOD. ENERG.		EMERGENCY	
1. UNITS REQUIRED FOR: A. PERMANENT OPERATION		800		0		800	
B. INTERIM OPERATION (In addition to 1A)		/		0		0	
C. MOBILIZATION OPERATION (In addition to 1A and 1B)		/		0		0	
2. UNITS TO BE RETAINED (Existing or financed)		0		0		0	
3. UNITS PROVIDED BY THIS PROJECT		800		0		800	
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, which project)				D. FACTOR USED TO COMPUTE REQUIREMENT (Weight above hangar, quantities of navigational aid and communication facilities, safety requirement,			
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.				TOTAL COST ESTIMATE: 100,000			

Control tower is a primary factor in flight safety for flying operations at an airfield. Planned volume of traffic, 200-300 flights in and out daily, will represent the third largest traffic load of any army airfield. As scheduled commercial air carrier operations have been requested, safety and efficiency of air traffic control operation at this installation affects the general public as well as IOD aircraft. Tower required to insure safe flight condition and to provide adequate space for test and evaluation of ground navigational and communication facilities used by army aircraft. Types of equipment to be installed include radio, automatic direction finders, remote control equipment for navigational and landing aids and emergency power supply. Existing facilities consist of one inadequate 25' tower of temporary type wood construction, non-fireproof, built in 1952, and not weatherproof with only 50 SF. No provision exists for soundproofing, heating, installation of remote controls or emergency power supply and will accommodate only a scattering personnel and radio sets. Visibility is reduced 25% by type of window construction. Existing tower will be salvaged.

DEPARTMENT OF THE ARMY CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956

DATE
21 Mar 55

INSTALLATION
Fort Huachuca, Ariz.

PROJECT TITLE

Hangar (Roto Wing)

LINE ITEM NO.

10

BUDGET ACCT NO.

6013

CATEGORY CODE NO.

11.2

PREVIOUS AUTHORIZATION

\$ 0

PROPOSED AUTHORIZATION

\$ 631,000

PREVIOUS APPROPRIATION

\$ 0

PROPOSED APPROPRIATION

\$ 631,000

A. DESCRIPTION OF PROJECT

1. TYPE OF CONSTRUCTION	2A. <input checked="" type="checkbox"/> NEW FACILITY	3. <input checked="" type="checkbox"/> STANDARD PLANS
<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> ADDITION	<input type="checkbox"/> SPECIAL DESIGN
<input type="checkbox"/> MODIFIED EMERGENCY	<input type="checkbox"/> ALTERATION	
<input type="checkbox"/> EMERGENCY	2B. <input type="checkbox"/> REPLACEMENT	DRAWING NO. 39-01-64

5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE
Steel frame, concrete block and metal exterior walls, concrete footings, foundation walls and floor slabs, sliding steel hangar doors, gas-fired heating, monorail cranes.

B. BASIS OF NEED (Unit of Measure: SF)

TYPE OF CONSTRUCTION →	PERMANENT	MOD. EMERG.	EMERGENCY	TOTAL
1. UNITS REQUIRED FOR: A. PERMANENT OPERATION	18,000	6,000		54,000
B. INTERIM OPERATION (In addition to 1A)		0	5,632	5,632
C. MOBILIZATION OPERATION (In addition to 1A and 1B)		0	0	0
2. UNITS TO BE RETAINED (Existing or financed)	0	6,000	5,632	11,632
3. UNITS PROVIDED BY THIS PROJECT	35,626	0	0	35,626
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM (If YES, which projects)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			

C. COST ESTIMATE

1. CONSTRUCTION LABOR/EXC/EST/ACC/COM/OTHER	
A. QUANTITY	18
B. UNIT	
C. UNIT COST	630,000
2. COLLATERAL EQUIPMENT (MCA) (By Procuring Service)	
A. Sig	1,000
B. Engr	(2,000)
C.	
D.	
TOTAL COST ESTIMATE	631,000
D. FACTOR USED TO COMPUTE REQUIREMENT	
AR 115-31 modified for special mission	

5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.
Reactivation of this installation with a new mission has created the need for the proposed facility to service approximately 21 helicopters assigned for experimental work. The helicopters vary in size, up to and including H-16. Present facilities, consisting of an emergency type frame hangar (60' x 88') and a metal hangar (60' x 100') do not have sufficient opening height to accommodate the various helicopters. Existing hangars will be retained for fixed wing aircraft maintenance. Shop space required to service, maintain and repair rotor controls, heads, transmissions and engines.

DEPARTMENT OF THE ARMY				DATE		INSTALLATION	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956				21 Mar 1955		Fort Huachuca, Ariz.	
PROJECT TITLE Operations Building				LINE ITEM NO. 18		BUDGET ACCT NO. 5013	
PREVIOUS AUTHORIZATION \$ 0				PROPOSED AUTHORIZATION \$ 49,000		CATEGORY CODE NO. 12.0	
PREVIOUS APPROPRIATION \$ 0				PROPOSED APPROPRIATION \$ 49,000			
DESCRIPTION OF PROJECT							
1. TYPE OF CONSTRUCTION		2A. <input checked="" type="checkbox"/> NEW FACILITY		3. <input checked="" type="checkbox"/> STANDARD PLANS (M)		4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)	
<input checked="" type="checkbox"/> PERMANENT		<input type="checkbox"/> ADDITION		<input checked="" type="checkbox"/> SPECIAL DESIGN		WIDTH _____	
<input type="checkbox"/> MODIFIED EMERGENCY		<input type="checkbox"/> ALTERATION		<input type="checkbox"/> DRAWING NO.		NO. STORIES _____	
<input type="checkbox"/> EMERGENCY		<input checked="" type="checkbox"/> REPLACEMENT				GROSS AREA 2,758 SF	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE				GROSS CUBE _____			
Concrete block exterior walls, concrete footings, foundations and floor slabs, concrete floors with asphalt and ceramic tile, insulated concrete fill roof on steel decking, open ceilings, gas-fired duct heating system, air cooling in weather room.				OTHER (Specify) _____			
B. BASIS OF NEED (Unit of Measure: SF)				C. COST ESTIMATE			
1. UNITS REQUIRED FOR:		PERMANENT		MOD. EMERG.		EMERGENCY	
A. PERMANENT OPERATION		2,758		0		2,758	
B. INTERIM OPERATION (In addition to 1A)				0		0	
C. MOBILIZATION OPERATION (In addition to 1A and 1B)				0		0	
2. UNITS TO BE RETAINED (Existing or financed)		0		0		0	
3. UNITS PROVIDED BY THIS PROJECT.		2,758		0		2,758	
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				D. FACTOR USED TO COMPUTE REQUIREMENT			
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.				AR 115-31			
Project required to provide necessary space for airfield flight operations. Existing 1,200 SF modified-emergency type building provides space for only one teletype machine (requirement is for 4) and does not include parachute storage, weather briefing area, supply storage, map room and pilot ready room. In addition to the foregoing, proposed facility will include flight operations dispatch office, flight records office, weather station and other offices required for an operation involving 55 fixed and rotary wing aircraft and approximately 200 personnel including Operation Division of the Aviation and Meteorological Department, AWP, general reserve units and a 6th Army field maintenance unit. Upon completion of proposed facility, existing building will be salvaged. The number of planned flights in and out, daily, is 200 to 300.							
* (Army Electronics Proving Ground)							

DEPARTMENT OF THE ARMY				DATE		INSTALLATION	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956				21 MAR 1956		FORT HUEBUCH, ARIZ.	
PROJECT TITLE Addition to Concrete Apron				LINE ITEM NO. 19		BUDGET ACCT NO. 8013	
PREVIOUS AUTHORIZATION \$ 0		PROPOSED AUTHORIZATION \$ 137,000		PREVIOUS APPROPRIATION \$ 0		PROPOSED APPROPRIATION \$ 137,000	
A. DESCRIPTION OF PROJECT							
1. TYPE OF CONSTRUCTION <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> MODIFIED EMERGENCY <input type="checkbox"/> EMERGENCY		2A. <input type="checkbox"/> NEW FACILITY <input checked="" type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPLACEMENT		3. <input type="checkbox"/> STANDARD PLANS <input checked="" type="checkbox"/> SPECIAL DESIGN DRAWING NO.		4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit) WIDTH 200' LENGTH 755' NO. STORIES 1 CAPACITY GROSS AREA 17,544 SY GROSS CUBE OTHER (Specify) 30'x60'x112'x60'	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE 10" concrete apron with tie downs 30' on center, to withstand impact of 25,000 lbs wheel load.							
B. BASIS OF NEED (Unit of Measure: SY)							
TYPE OF CONSTRUCTION →		PERMANENT	MOD. EMERG.	EMERGENCY	TOTAL		
1. UNITS REQUIRED FOR: A. PERMANENT OPERATION		30,877	0		30,877		
B. INTERIM OPERATION (In addition to 1A)			0	0	0		
C. MOBILIZATION OPERATION (In addition to 1A and 1B)			0	0	0		
2. UNITS TO BE RETAINED (Existing or financed)		13,333	0	0	13,333		
3. UNITS PROVIDED BY THIS PROJECT.		17,544	0	0	17,544		
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW. Project required to increase capacity of parking space from 14 to 55 aircraft. 55 fixed and rotary wing aircraft will be based on this installation as the result of the new mission assigned upon activation of the post. 88,000 SF is required for parking (55 planes @ 1,600 SF); 107 of 88,000 SF (8,000 SF) required for transient planes; 16,800 SF necessary for entrance to hangars, and 170,089 SF required for aisles, taxi and turning, total 283,689 SF or 31,521 SY. The existing apron will park 14 planes.							
C. COST ESTIMATE							
1. CONSTRUCTION OR REPAIR ESTIMATE: A. QUANTITY - 17,544 B. UNIT - SY C. UNIT COST - \$7.80 D. TOTAL COST ESTIMATE \$ 137,000							
2. COLLATERAL EQUIPMENT (MCA) (By Procuring Service)							
D. FACTOR USED TO COMPUTE REQUIREMENT 55 aircraft							

DEPARTMENT OF THE ARMY				DATE		INSTALLATION	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956				21 May 1955		Fort Haancha, Ariz.	
PROJECT TITLE Fire and Rescue Bldg.				LINE ITEM NO. 20		BUDGET ACCT NO. 6013	
PREVIOUS AUTHORIZATION \$ 0				PROPOSED AUTHORIZATION \$ 34,000		PREVIOUS APPROPRIATION \$ 0	
DESCRIPTION OF PROJECT				BUDGET ACCT NO.		CATEGORY CODE NO.	
1. TYPE OF CONSTRUCTION <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> MODIFIED EMERGENCY <input type="checkbox"/> EMERGENCY				2A. <input checked="" type="checkbox"/> NEW FACILITY <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPLACEMENT		3. <input checked="" type="checkbox"/> STANDARD PLANS <input type="checkbox"/> SPECIAL DESIGN DRAWING NO.	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE This building will house one fire truck and one ambulance, plus 958 SF of storage, office and living quarters for crew of six. Concrete block walls, footings, floors w/asphalt tile in quarters and ceramic tile in lavatories. Insulated concrete fill roof on steel decking. Gas-fired heating system.				4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit) WIDTH _____ DEPTH _____ NO. STORIES _____ GROSS AREA _____ OTHER (Specify) _____		LENGTH _____ CAPACITY _____ GROSS CUBE _____	
1. UNITS REQUIRED FOR: A. PERMANENT OPERATION 2,070				MOD. EMERG. 0		EMERGENCY 0	
B. INTERIM OPERATION (In addition to 1A)				0		0	
C. MOBILIZATION OPERATION (In addition to 1A and 1B)				0		0	
2. UNITS TO BE RETAINED (Existing or financed)				0		0	
3. UNITS PROVIDED BY THIS PROJECT.				2,070		0	
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? (If YES, which projects)				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TOTAL COST ESTIMATE \$ 34,000	
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW? No fire and rescue facilities are available for the airfield at present. The planned number of flights in and out daily is 200 to 300. It is essential that these facilities be provided at the airfield where 55 aircraft, including fixed and rotary wing types, will be based by January 1956. Flight test operations of new and untried electronic equipment, installed in various types of aircraft will be conducted. Project required to house equipment needed for safety of aircraft take-off and landing operations. Nearest equipment is four minutes from the airfield and must be called for take-off and landing of all large aircraft thus decreasing fire protection of the installation. There is no building in the vicinity of the airfield which could be used for this purpose.				D. FACTOR USED TO COMPUTE REQUIREMENT AR 415-31		TOTAL COST ESTIMATE \$ 34,000	

DEPARTMENT OF THE ARMY
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956

DATE

21 Mar 1956

INSTALLATION

Fort Huachuca, Ariz.

PROJECT TITLE

Extension of Utilities

LINE ITEM NO.

21

BUDGET ACCT NO.

6013

CATEGORY CODE NO.

89.1

PREVIOUS AUTHORIZATION

\$ 0

PROPOSED AUTHORIZATION

\$ 180,000

PREVIOUS APPROPRIATION

\$ 0

PROPOSED APPROPRIATION

\$ 180,000

A.

DESCRIPTION OF PROJECT

1. TYPE OF CONSTRUCTION

- ☐ PERMANENT
☐ MODIFIED EMERGENCY
☐ EMERGENCY

2A. ☒ NEW FACILITY

- ☐ ADDITION
☐ ALTERATION
☐ REPLACEMENT

3. ☐ STANDARD PLANS

- ☒ SPECIAL DESIGN
DRAWING NO.

5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE

10" Sewer Lines Incl. 27 manholes, 10,500 LF @ \$7.65 - \$80,400
10" Water Line w/5 hydrants, 6,700 LF @ \$9.05 60,600
24" Gas Line, 6,700 LF @ \$3.70 24,800
13.2 KV Electric Line, 6,600 LF @ \$2.15 14,200
Total \$180,000

4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)
WIDTH _____ LENGTH _____
NO. STORIES _____ CAPACITY _____
GROSS AREA _____ GROSS CUBE _____
OTHER (Specify) _____

B.

BASIS OF NEED (Unit of Measure: NA)

Total \$180,000

TYPE OF CONSTRUCTION →

PERMANENT

MOD. EMERG.

EMERGENCY

TOTAL

1. UNITS REQUIRED FOR:

A. PERMANENT OPERATION

EMERGENCY

TOTAL

B. INTERIM OPERATION

(In addition to 1A)

EMERGENCY

TOTAL

C. MOBILIZATION OPERATION

(In addition to 1A and 1B)

EMERGENCY

TOTAL

2. UNITS TO BE RETAINED

(Existing or financed)

EMERGENCY

TOTAL

3. UNITS PROVIDED BY THIS PROJECT.

1S 0 0 1S

4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? ☐ YES ☐ NO

Line items 10, 11, 18, 20 and 23

5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.

There are no sanitary sewers or gas lines serving the airfield. Water is being piped through a temporary water line (invasion type casing) to the field. Electrical distribution is single phase and not suitable for expansion. These utilities will serve an operations building, 2 aircraft hangars, one electronic shop hangar, a fire & rescue facility, and a field maintenance activity which provides service for 55 fixed and rotary wing aircraft, and approximately 200 personnel including the Operations Division, Aviation and Meteorological Dept., Army Electronic Proving Ground, General reserve units, and a field maintenance unit.

Plan take-off

TOTAL COST ESTIMATE \$ 180,000

D. FACTOR USED TO COMPUTE REQUIREMENT

DEPARTMENT OF THE ARMY
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1955

DATE
21 Mar 1955

INSTALLATION
Fort Huachuca, Ariz.

PROJECT TITLE

4 Aircraft Fuel Storage Tanks

LINE ITEM NO.
22

BUDGET ACCT NO.
6013

CATEGORY CODE NO
75.0

PREVIOUS AUTHORIZATION

PROPOSED AUTHORIZATION

PREVIOUS APPROPRIATION

PROPOSED APPROPRIATION

A.

DESCRIPTION OF PROJECT

1. TYPE OF CONSTRUCTION

☒ PERMANENT
☐ MODIFIED EMERGENCY
☐ EMERGENCY

2A. ☒ NEW FACILITY
☐ ADDITION
☐ ALTERATION
☐ REPLACEMENT

3. ☐ STANDARD PLANS
☒ SPECIAL DESIGN
DRAWING NO.

4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)

WIDTH _____ LENGTH _____

NO. STORIES _____ CAPACITY 15,000 gal

GROSS AREA _____ GROSS CUBE _____

OTHER (Specify) _____

5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE

Project provides for 4 - 15,000 gal underground steel tanks for 4 grades of fuel (115/145 octane w/TCP; 115/145 octane w/o TCP, 91 octane & 80 octane) & includes 4 pumps w/individual capacity of 500 GPM, wooden truck fill stand, concrete block control house 81 SF, rail & truck gravity unloading system

4 U/Ground Tanks (60,000 gal) with
necessaries \$54,900
utils, incl. hardstand 9,100
Total \$64,000

B. BASIS OF NEED (Unit of Measure: Gallons)

TYPE OF CONSTRUCTION ->

PERMANENT

MOD. ENERG.

EMERGENCY

TOTAL

1. UNITS REQUIRED FOR:

A. PERMANENT OPERATION

60,000

0

60,000

B. INTERIM OPERATION
(In addition to 1A)

0

0

0

C. MOBILIZATION OPERATION
(In addition to 1A and 1B)

0

0

0

2. UNITS TO BE RETAINED
(Existing or financed)

0

0

0

3. UNITS PROVIDED BY THIS PROJECT.

60,000

0

60,000

4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? ☐ YES ☒ NO
(If YES, which projects)

5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW.

The four tanks will provide storage for the four grades of fuel necessary to service 21 helicopters from the H-13 to the H-16 in size, and 34 fixed wing aircraft including (6) L-17 drones and a C-46. Four 15,000 gallon tanks will provide capacity to unload railroad tank cars and thus save on demurrage charges. As there are no storage facilities available for aviation gasoline, four tank trucks are used to transport and store fuel. While trucks are making the 2-day round trip to nearest supply point (30 miles distant) to refill, airfield is without fuel supply. The estimated monthly fuel requirement is 60,000 gallons.

D. FACTOR USED TO COMPUTE REQUIREMENT
4 types of aviation gasoline, each tank to hold more than one carload

TOTAL COST ESTIMATE \$ 64,000

DEPARTMENT OF THE ARMY				DATE		INSTALLATION	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956				30 Jun 55		Fort Huachuca, Arizona	
PROJECT TITLE BOQ (Med e Officers)				LINE ITEM NO. 15		BUDGET ACCT NO. 6013	
PREVIOUS AUTHORIZATION \$ 0				PROPOSED AUTHORIZATION \$ 330,000		PREVIOUS APPROPRIATION \$ 0	
A. DESCRIPTION OF PROJECT				B. BASIS OF NEED (Unit of Measure: Spaces)			
1. TYPE OF CONSTRUCTION		2A. <input checked="" type="checkbox"/> NEW FACILITY		3. <input checked="" type="checkbox"/> STANDARD PLANS		4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)	
<input checked="" type="checkbox"/> PERMANENT		<input type="checkbox"/> ADDITION		<input checked="" type="checkbox"/> SPECIAL DESIGN		WIDTH <u>17reg</u> LENGTH <u>17reg</u>	
<input type="checkbox"/> MODIFIED EMERGENCY		<input type="checkbox"/> ALTERATION		<input type="checkbox"/> DRAWING NO.		NO. STORIES <u>2</u> CAPACITY <u>30,000</u>	
<input type="checkbox"/> EMERGENCY		2B. <input checked="" type="checkbox"/> REPLACEMENT				GROSS AREA <u>27,000 SF</u> GROSS CUBE <u>17.4</u>	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE							
Concrete block construction, concrete foundations. Heating - gas fired central heating system.							
BOQ, 60-man @ \$5,000 - \$300,000 Ext of Utilities - 30,000 \$330,000							
B. TYPE OF CONSTRUCTION →				C. COST ESTIMATE			
PERMANENT				MOD. EMERG.			
EMERGENCY				TOTAL			
1. UNITS REQUIRED FOR:				1. CONSTRUCTION EXCLUDED			
A. PERMANENT OPERATION				A. QUANTITY <u>15</u>			
B. INTERIM OPERATION				B. UNIT <u>15</u>			
(In addition to 1A)				C. UNIT COST <u>330,000</u>			
C. MOBILIZATION OPERATION				2. COLLATERAL EQUIPMENT (MCA)			
(In addition to 1A and 1B)				(By Procuring Service)			
2. UNITS TO BE RETAINED				A. <u> </u>			
(Existing or financed)				B. <u> </u>			
3. UNITS PROVIDED BY THIS PROJECT.				C. <u> </u>			
60				D. <u> </u>			
0				TOTAL COST ESTIMATE \$ <u>330,000</u>			
0				D. FACTOR USED TO COMPUTE REQUIREMENT			
120				AR 115-31			
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW?							
Bachelor officers are currently housed in modified emergency BOQ's, and modified emergency hospital buildings which have been diverted for this purpose. Upon completion of this proposed BOQ, a comparable number of diverted hospital buildings will be released.							

102b - 6/30/55

DEPARTMENT OF THE ARMY		DATE	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1956		30 Jun 55	
PROJECT TITLE Field House		INSTALLATION Fort Huachuca, Arizona	
PREVIOUS AUTHORIZATION 0	PROPOSED AUTHORIZATION \$ 935,000	LINE ITEM NO. 1	BUDGET ACCT NO. 6013
PREVIOUS APPROPRIATION \$ 0		CATEGORY CODE NC 06.2	

DESCRIPTION OF PROJECT	
1. TYPE OF CONSTRUCTION	2A. NEW FACILITY
<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> ADDITION
<input type="checkbox"/> MODIFIED EMERGENCY	<input type="checkbox"/> ALTERATION
<input type="checkbox"/> EMERGENCY	<input type="checkbox"/> REPLACEMENT
3. <input type="checkbox"/> STANDARD PLANS	
<input checked="" type="checkbox"/> SPECIAL DESIGN	
DRAWING NO. Similar to	

4. PHYSICAL DIMENSIONS AND CAPACITIES (Individual Unit)	
WIDTH	LENGTH
11' x 11'	11' x 11'
NO. STORIES	CAPACITY
1	1
GROSS AREA	GROSS CUBE
118,462 SF	118,462 SF
OTHER (Specify) w/swimming pool 12' x 82' 2"	

5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE	
Steel frame w/concrete block walls; concrete foundations and floor slabs. Steel roof framing w/open ceilings. Hardwood floor in arena. Indoor swimming pool 12' x 82' 2". Heating gas fired forced air central heating system.	

Basis of Need (Unit of Measure: SF)	
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1. TYPE OF CONSTRUCTION	PERMANENT	MOD. EMERG.	EMERGENCY	TOTAL
A. PERMANENT OPERATION	118,462	0		118,462
B. INTERIM OPERATION (In addition to (A))		0	0	0
C. MOBILIZATION OPERATION (In addition to (A) and (B))		0	0	0
2. UNITS TO BE RETAINED (Existing or financed)	0	0	0	0
3. UNITS PROVIDED BY THIS PROJECT	118,462	0	0	118,462

4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
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5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW?	
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This facility is required primarily for the morale and welfare of military personnel assigned to this installation. There is no existing gymnasium or field house on post, nor are there recreational facilities within a radius of 40 or 50 miles off the post. Adequate facilities for indoor athletic participation are essential. The permanent stationing plan provides for centralization of all troop billets. The greatest flexibility will be provided by a generalized recreational facility. The field house provides adequate space for individual participation as well as opportunity for additional troop entertainment at post league contests. There is an additional requirement for a large assembly hall capable of accommodating several hundred observers for demonstrations which will be given by the Electronic Proving Ground as a part of its mission. In addition, there is a requirement for command orientations by the Electronic Proving Ground Departments for assigned personnel and supporting command troop units which assist with specific projects. No existing structure is suitable for

DEPARTMENT OF THE ARMY				DATE	
CONSTRUCTION PROJECT JUSTIFICATION DATA F.Y. 1965				21 Mar 1955	
PROJECT TITLE Warehouse w/Railroad Spur				INSTALLATION Fort Huachuca, Ariz.	
PREVIOUS AUTHORIZATION \$ 0		PROPOSED AUTHORIZATION \$ 133,000		LINE ITEM NO. 11	
		PREVIOUS APPROPRIATION \$ 0		BUDGET ACCT NO. 6013	
				CATEGORY CODE N 74.1	
A. TYPE OF CONSTRUCTION					
1. TYPE OF CONSTRUCTION <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> MODIFIED EMERGENCY <input type="checkbox"/> EMERGENCY		2A. <input checked="" type="checkbox"/> NEW FACILITY <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPLACEMENT		3. <input type="checkbox"/> STANDARD PLANS <input checked="" type="checkbox"/> SPECIAL DESIGN DRAWING NO.	
5. BRIEF DESCRIPTION OF ITEM AND ANY FEATURES AFFECTING COST ESTIMATE Steel frame; conc block & corrugated cement asbestos exterior walls; conc footings; foundation walls & floor slabs; steel roof; concrete floors w/ceramic tile in lavatories; open ceilings; gas-fired unit heaters; and automatic sprinkler system. Project includes railroad spur, 7' loading dock. Weight of RR rails 90 lbs. Loading dock to be 8' wide.					
B. BASIS OF NEED (Unit of Measure: SF)					
1. TYPE OF CONSTRUCTION →		PERMANENT		MOD. EMERG.	
A. PERMANENT OPERATION		96,000		0	
B. INTERIM OPERATION (In addition to 1A)				61,178	
C. MOBILIZATION OPERATION (In addition to 1A and 1B)				0	
2. UNITS TO BE RETAINED (Existing or financed)		13,512		61,178	
3. UNITS PROVIDED BY THIS PROJECT		12,200		0	
4. IS PROJECT ESSENTIAL TO SUPPORT OTHER PROJECTS IN THIS PROGRAM? (If YES, which projects)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		TOTAL COST ESTIMATE \$ 133,000	
5. WHY IS ITEM REQUIRED AND HOW IS NEED BEING MET NOW. Facility required to provide storage for 30,125 measured tons of supplies and equipment for testing and evaluation projects. Of the 30,125 meas. tons of supplies and equipment which is based on peak storage, approximately 300 meas. tons are now stored in open. All existing warehouse space is fully utilized and incoming equipment (rail deliveries come in four per week average w/two being on regular schedule and two being specials, with average number of cars per delivery being approximately 10) is stored in tents and under tarpaulins. Such storage is unsatisfactory for electronic equipment as rapidly changing temperatures cause moisture condensation in components, while dust and sand particles prevent proper operation of moving parts. Since the nearest railroad spur will be approximately one mile from the warehouse the extra cost of double handling would be \$50 to \$100 per carload. Therefore, in the interest of economy it is necessary to have a well-road spur adjacent to the warehouse. A loading dock on each side of the warehouse is necessary and will be 8' or 9' wide.					
C. COST ESTIMATE					
1. CONSTRUCTION (Excludes Mobilization)					
A. QUANTITY 13					
B. UNIT					
C. UNIT COST \$ 10,229.23					
2. COLLATERAL EQUIPMENT (MCA) (By Procuring Service)					
A.					
B.					
C.					
D.					
TOTAL COST ESTIMATE \$ 133,000					
D. FACTOR USED TO COMPUTE REQUIREMENT AR 415-31					